

FIXED ALGORITHM FOR CONCATENATION WIRING

Vahid Parsi
Robert A. Hall

ABSTRACT OF THE DISCLOSURE

5 A method and a communication circuit for directing control of communication
signals in a concatenated payload in a communication circuit is disclosed. The
method and apparatus includes receiving a multiplex order of the concatenated
payload in M communication signals, dividing the M communication signals by three
to determine a number Y, and determining the control of the M communication
10 signals by designating the first signal of the M communication signals as a control
signal, designating the second signal through a Yth signal of the M communication
signals as being controlled by the immediately preceding signal thereto, and
designating each Y+1th signal of the M signals through the Mth communication
signal as being controlled by a signal Y positions prior thereto. The method and
15 communication circuit includes communication signals that are synchronous transport
signals. In an embodiment, the first signal of the M communication signals is a
control signal read and write capability for frequency difference buffering using
increment/decrement technology.